



Corewell Health Laboratory

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MECONIUM DRUG SCREEN TESTING UPDATE

Effective Date: December 3rd, 2025

Beginning December 3rd, meconium drug screen testing will transition from ARUP to Corewell West Toxicology Laboratory. This test conversion clinically standardizes the testing that we offer as a system for Corewell Health.

Detail	Corewell Health Test	ARUP Test
Test name	Meconium Drug Testing [LAB 479]	Meconium Drug Panel [LAB1231537]
Turnaround time	1-3 days; Performed M/W/F	1-3 days
Specimen Collection	Meconium: Preferred 5g; Min 1g	Meconium: Preferred 4g; Min 2g
Stability	Room Temp: 24 hours Refrigerated: 72 hours Frozen: 1 month	Room Temp: 1 week Refrigerated: 3 weeks Frozen: 1 year

Corewell Health West Toxicology Meconium Drug Screen Test and Cut-offs	
Target Drug	Cut-off
Amphetamines (includes Amphetamine and Methamphetamine)	20 ng/g
Cocaine	20 ng/g
Cannabinoids	10 ng/g
Opiates (Includes: codeine, morphine, hydrocodone, hydromorphone, oxycodone and oxymorphone)	20 ng/g
Methadone/EDDP	20 ng/g
Fentanyl	5 ng/g

For questions regarding testing, please contact Corewell Health Laboratory Customer Service at 800-551-0488.

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Meconium Drug Screen Test Information	
Synonyms	Drug Screen Meconium, 8281, SHO8281, 1230100632, MEC Panel
Instructions	<p>The specimen should be collected into a clean dry plastic container (no swabs; Specimens must be transferred from a diaper prior to being submitted for testing. Diapers are not accepted).</p> <p>Transport specimen to the lab immediately.</p>
Specimen Collection Criteria	<p>Meconium in sterile screw-capped container.</p> <p>Preferred Volume to Collect: 5 g (about the size of a marble)</p> <p>Minimum Volume to Collect: 1 g (approx. 1 teaspoon)</p>
Physician Office/Draw Site Specimen Preparation	Maintain specimen at room temperature (20-26°C or 68-78.8°F) prior to transport.
Specimen Preparation for Courier Transport	5.0g meconium (min: 1.0g); Transport ambient (20-26°C or 68-78.8°F)
Rejection Criteria	<p>Yellow stool specimens may be rejected.</p> <p>Specimens not collected and processed as indicated.</p>
Performed	<p>Available 3 days a week (Monday, Wednesday, & Friday)</p> <p>Usual TAT 1-3 days.</p>
Reference Range	Negative for all targets
Test Methodology	Liquid Chromatography-Mass Spectrometry (LC-MS)
Interpretation	Use to detect and document maternal drug use. Useful during approximately the last trimester of a full-term pregnancy
CPT Code	80365, 80324, 80349, 80353, 80358, 80361, G0480